



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129108

Mode: Highway

Status: Submitted

NC-125 (NC 125)

From/Cross Street: SR 1182 (East of College Road)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: NC 125 Northwest of Williamston

Project Category: Regional Impact

Length: 2.31

TIP#: R-3826

Fully Funded in Draft STIP? No

Cost to NCDOT: \$13,455,000

Description:

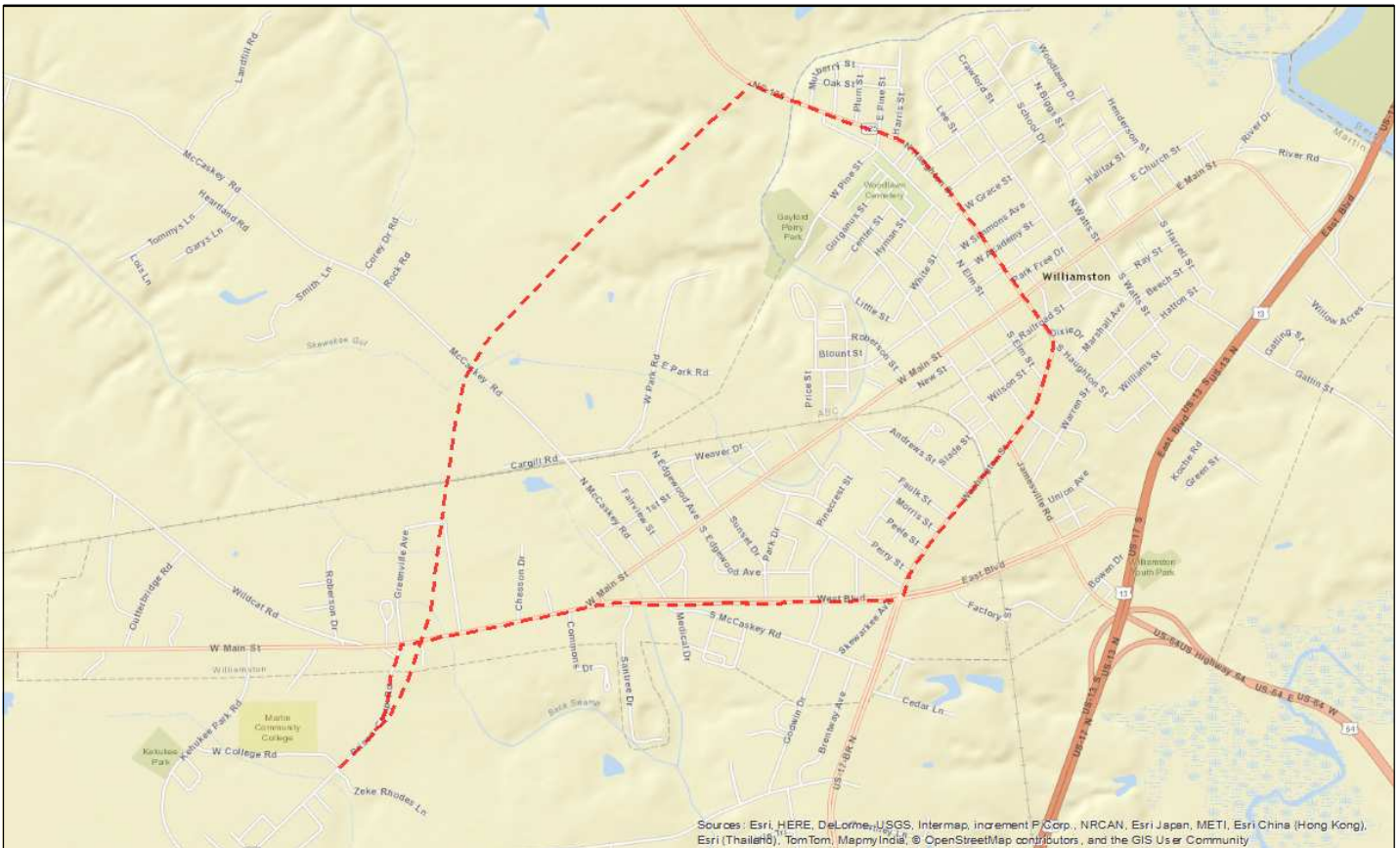
Construct Two Lanes, Part on New Location

Division(s): Division 1

County(s): MARTIN

MPOS(s)/RPO(s): Mid-East RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 46.96

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Paved] Shoulder Width (10%) 50.00 [Travel Time] Benefit/Cost (20%) 4.67 Congestion (V/C) (15%) 22.76 Safety (15%) 34.09 Lane Width (10%) 25.00 Totals: Weight: 70% Weighted Score: 16.96	Percent: 15% Points: 100	Percent: 15% Points: 100

Division Needs Total Score: 38.65

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (10%) 4.67 [Paved] Shoulder Width (10%) 50.00 Safety (10%) 34.09 Congestion (V/C) (10%) 22.76 Lane Width (10%) 25.00 Totals: Weight: 50% Weighted Score: 13.65	Percent: 25% Points: 100	Percent: 25% Points: 0

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	3.6
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	7222.16
Capacity:	21809.21
Volume/Capacity Ratio:	0.33
% Autos:	94%
% Trucks:	6%
Truck Volume:	406.66
Crash Density:	27.05
Crash Severity:	38.23
Critical Crash Rate:	37.01
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	77
Actual Congested Speed:	14.06
Travel Time Index:	1.1

Project Benefits

Project Cross-Section:	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
Speed Limit:	40
Length (miles):	2.31
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	2790162.3
Travel Time Savings for 30 Years (Autos):	2633056.11
Travel Time Savings for 30 Years (Trucks):	157106.19
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 1

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 1	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Mid-East RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$10,800,000	TIP Unit
Right-of-Way Cost:	\$2,400,000	TIP Unit
Utilities Cost:	\$255,000	TIP Unit
Total Project Cost:	\$13,455,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$13,455,000	